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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q94286

Koichi NAKANO, et al.

Appln. No.: 10/577,427

Group Art Unit: 1641

Confirmation No.: 4735

Examiner: NOT YET ASSIGNED

Filed: April 27, 2006

For: DIAGNOSTIC REAGENT FOR UTERINE ADENOCARCINOMA AND METHOD OF
DETECTING ADENOCARCINOMA CELLS

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith (except for the U.S. patent), together with a copy of a Supplementary European Search Report for counterpart European Application No. EP 04 81 7413 wherein the listed documents were cited.

The present Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits, and therefore no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

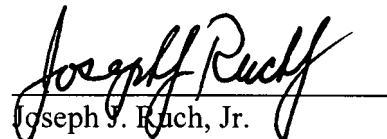
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The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,


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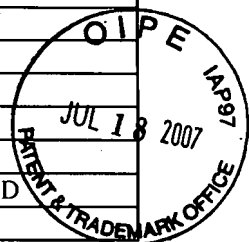
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CUSTOMER NUMBER

Date: July 18, 2007

Substitute for Form 1449 A & B/PTO <u>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</u> <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/577,427	
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			First Named Inventor	Koichi NAKANO	
			Art Unit	1641	
Examiner Name	NOT YET ASSIGNED				
Sheet	1	of	4	Attorney Docket Number	Q94286



U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
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FOREIGN PATENT DOCUMENTS

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		SHITARA, KENYA et al, "APPLICATION OF ANTI-LUNG ADENOCARCINOMA MONOCLONAL ANTIBODY RECOGNIZING CYTOKERATIN-LIKE CYTOPLASMIC ANTIGEN FOR TUMOR DIAGNOSIS", ANTICANCER RESEARCH, vol. 12, no. 4, 1993, pages 1121 - 1129, XP008076503	
		DALLENBACH-HELLWEG, G., "[NEW CYTOGENETIC CLASSIFICATION OF PRECANCEROUS LESIONS AND CARCINOMAS OF THE ENDOMETRIUM: POSSIBILITIES AND LIMITS OF IMMUNOHISTOCHEMICAL DIFFERENTIATION]", VERHANDLUNGEN DER DEUTSCHEN GESELLSCHAFT FÜR PATHOLOGIE 1991, vol. 75, 1991, pages 357 - 362, XP008076509	
		DALLENBACH-HELLWEG, G., et al, "THE VALUE OF IMMUNOHISTOCHEMISTRY IN THE DIFFERENTIAL DIAGNOSIS OF ENDOMETRIAL CARCINOMAS", APMIS SUPPLEMENTUM, no. 23, 1991, pages 91 - 99, XP008076508	
		LANG, G., et al, "THE HISTOGENETIC ORIGIN OF CERVICAL MESONEPHRIC HYPERPLASIA AND MESONEPHRIC ADENOCARCINOMA OF THE UTERINE CERVIX STUDIED WITH IMMUNOHISTOCHEMICAL METHODS", INTERNATIONAL JOURNAL OF GYNECOLOGICAL PATHOLOGY, vol. 9, no. 2, 1990, pages 145 - 157, XP008076510	

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		ALKUSHI, A. et al, " IMMUNOPROFILE OF CERVICAL AND ENDOMETRIAL ADENOCARCINOMAS USING A TISSUE MICROARRAY ", VIRCHOWS ARCHIV: AN INTERNATIONAL JOURNAL OF PATHOLOGY MAR 2003, vol. 442, no. 3, March 2003 (2003 - 03), pages 271 - 277, XP002425080	
		IVANYL, D. et al, " KERATIN SUBTYPES IN CARCINOMAS OF THE UTERINE CERVIX: IMPLICATIONS FOR HISTOGENESIS AND DIFFERENTIAL DIAGNOSIS ", CANCER RESEARCH, AMERICAN ASSOCIATION FOR CANCER RESEARCH, BALTIMORE, MD, US, vol. 50, 1990, pages 5143 - 5152, XP001208062	
		MOLL, " CYTOKERATINS OF NORMAL EPITHELIA AND SOME NEOPLASMS OF THE FEMALE GENITAL TRACT ", LABORATORY INVESTIGATION, UNITED STATES AND CANADIAN ACADEMY OF PATHOLOGY, BALTIMORE, US, vol. 49, no. 5, 1983, pages 599 - 610, XP008069877	
		ICHIMURA, T. et al, " IMMUNOHISTOCHEMICAL EXPRESSION OF GASTRIC MUCIN AND p53 IN MINIMAL DEVIATION ADENOCARCINOMA OF THE UTERINE CERVIX ", INTERNATIONAL JOURNAL OF GYNECOLOGICAL PATHOLGY: OFFICIAL JOURNAL OF THE INTERNATIONAL SOCIETY OF GYNECOLOGICAL PATHOLOGISTS JUL 2001, vol. 20, no. 3, July 2001 (2001 - 07), pages 220 - 226, XP008076521	

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		HATA, SAKAE et al, "DIAGNOSTIC SIGNIFICANCE OF ENDOCERVICAL GLANDULAR CELLS WITH "GOLDEN-YELLOW" MUCIN ON PAP SMEAR", DIAGNOSTIC CYTOPATHOLOGY AUG 2002, vol. 27, no. 2, August 2002 (2002 - 08), pages 80 - 84, XP002425081	
		GOTOH, TOMOKO et al, "AN EXTREMELY RARE CASE OF ADENOMA MALIGNUM WITH LARGE CYSTIC TUMOR WHICH RESULTED IN URINARY OBSTRUCTION", GYNECOLOGIC ONCOLOGY FEB. 2002, vol. 84, no. 2, February 2002 (2002 - 02), pages 339 - 343, XP002425082	
		UTSUGI, KUNIKO et al, "UTILITY OF THE MONOCLONAL ANTIBODY HIK1083 IN THE DIAGNOSIS OF ADENOMA MALIGNUM OF THE UTERINE CERVIX", GYNECOLOGIC ONCOLOGY, vol. 75, no. 3, December 1999 (1999 - 12), pages 345 - 348, XP002425083	
		ISHII, KEIKO et al, "CYTOLOGIC AND CYTOCHEMICAL FEATURES OF ADENOMA MALIGNUM OF THE UTERINE CERVIX", CANCER, vol. 87, no. 5, 25 October 1999 (1999-10-25), pages 245 - 253, XP002425084	

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		ZHAO, SHUMEI et al, "MUCIN EXPRESSION IN NONNEOPLASTIC AND NEOPLASTIC GLANDULAR EPITHELIA OF THE UTERINE CERVIX", INTERNATIONAL JOURNAL OF GYNECOLOGICAL PATHOLOGY: OFFICIAL JOURNAL OF THE INTERNATIONAL SOCIETY OF GYNECOLOGICAL PATHOLOGISTS OCT 2003, vol. 22, no. 4, October 2003 (2003 - 10), pages 393 - 397, XP008076522	
		YAMASHITA S. et al, "CLINICOCYTOPATHOLOGICAL AND IMMUNOHISTOCHEMICAL STUDY OF ADENOMA MALIGNUM OF THE UTERINE CERVIX", HIROSHIMA JOURNAL OF MEDICAL SCIENCES DEC 2000, vol. 49, no. 4, December 2000 (2000 - 12), pages 167 - 173, XP008076520	

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